

**ABSTRACT OF THE DISCLOSURE****SERVICE TIME ANALYSIS METHODS FOR THE WSM QoS MONITOR**

5       A method, program and system for service time  
analysis in a computer network are provided. The  
invention comprises receiving a request from a network  
client machine and recording the initial time value for  
the request. The request is forwarded to an origin  
10   server. The response stream from the origin server is  
instrumented with the initial time value (plus the  
service time taken for the origin server to respond) and  
sent back to the client machine. A uniform resource  
identifier (URI) request (e.g. images) is received from  
15   the client machine, and the service time for completing  
the URI is recorded. The URI request is forwarded to the  
origin server, and the service time value for the URI is  
updated to reflect the origin server response. The URI  
response from the origin server is then sent to the  
20   client machine.

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